

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: Carex occidentalis Bailey / western sedge / CAOC2 (Scientific Name/Common Name/National Code for Plants – USDA PLANTS)			
Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	CB	w 2/3 CO, se & nw WY, Black Hills Confidence in Rank Medium	<ul style="list-style-type: none"> Johnston 2001, WYNDD 2001, SDNHD 2001.
2 Distribution outside R2	C	Ranges across sw US from NM, AZ, e CA north to UT, CO, WY, & Black Hills of SD. Confidence in Rank High	<ul style="list-style-type: none"> Hermann 1970, NatureServe 2001.
3 Dispersal Capability	BC	No obvious dispersal mechanisms. Should be large expanses of relatively contiguous habitat. Confidence in Rank Medium	<ul style="list-style-type: none"> Hermann 1970, Johnston 2001.
4 Abundance in R2	BC	Mtns of CO: "common to occasional," (p. 157, Johnston 2001). WY: 2 extant & 1 historical SD: single record from 1983. Confidence in Rank Medium	<ul style="list-style-type: none"> Johnston 2001, WYNDD 2001, SDNHD 2001.
5 Population Trend in R2	D	 Confidence in Rank Medium	<ul style="list-style-type: none">
6 Habitat Trend in R2	B	Inhabits dry to moist coniferous forests and slopes including open pine forests, aspen groves, sagebrush slopes, and montane meadows, at 5,000 to 10,000 ft. Confidence in Rank Medium	<ul style="list-style-type: none"> Johnston 2001, WYNDD 2001, Hermann 1970, Lewis 1958.
7 Habitat Vulnerability or Modification	C	Doesn't appear to be very habitat specific, so there's a range of vulnerability associated with this range of habitats. Occupancy of various habitats should impart more resiliency than vulnerability. Confidence in Rank Medium	<ul style="list-style-type: none">

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8 Life History and Demographics	D	Reproduces vegetatively from tillers as well as by seed. Confidence in Rank Medium	•
Evaluator(s): David J. Ode			Date: 13 November, 2001

National Forests in the Rocky Mountain Region where species is KNOWN (K) or LIKELY (L)¹ to occur:

Species Name:											
<u>Colorado NF/NG</u>		<u>Kansas NF/NG</u>		<u>Nebraska NF/NG</u>		<u>South Dakota NF/NG</u>		<u>Wyoming NF/NG</u>			
Known	Likely	Known	Likely	Known	Likely	Known	Likely	Known	Likely	Known	Likely
	X	Cimarron NG		Samuel R. McKelvie NF		Black Hills NF	X	Shoshone NF		X	
White River NF				Halsey NF		Buffalo Gap NG		Bighorn NF			
Routt NF	X			Nebraska NF		Ft. Pierre NG		Black Hills NF			
Grand Mesa, Uncompahgre, Gunnison NF	X			Ogalala NG				Medicine Bow NF		X	
San Juan NF	X							Thunder Basin NG			
Rio Grande NF	X										
Pike-San Isabel NF	X										
Comanche NG											
Pawnee NG											

¹ Likely is defined as more likely to occur than not occur on the National Forest or Grassland. This generally can be thought of as having a 50% chance or greater of appearing on NFS lands.

Sources Cited

Hermann, Frederick J. 1970. Manual of the Carices of the Rocky Mountains and Colorado Basin. USDA Forest Service Agricultural Handbook No. 374.

Johnston, Barry C. 2001. Field guide to sedge species of the Rocky Mountain Region: The genus *Carex* in Colorado, Wyoming, western South Dakota, western Nebraska, and western Kansas. USDA Forest Service Publ. R2-RR-2001-03, Denver, CO.

Lewis, Mont E. 1958. *Carex* - its distribution and importance in Utah. Brigham Young University Science Bulletin, Biological Series Vol. 1, No. 2, 43 pp., Provo, UT.

NatureServe: An online encyclopedia of life [web application]. 2001. Version 1.5 . Arlington, Virginia, USA: Association for Biodiversity Information. Available: <http://www.natureserve.org/>. (Accessed: October 11, 2001).

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